

100

**FIG. 1**

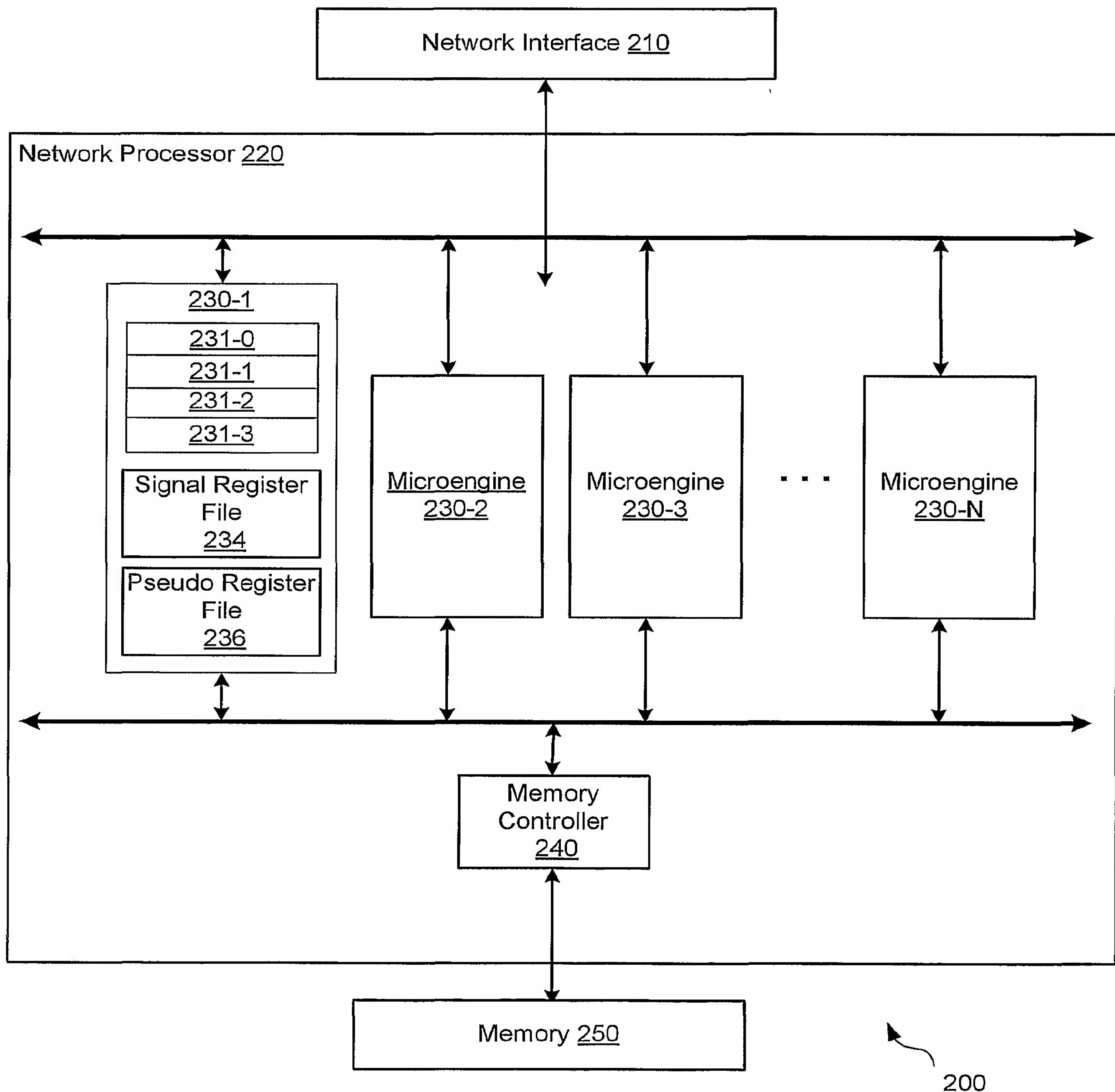
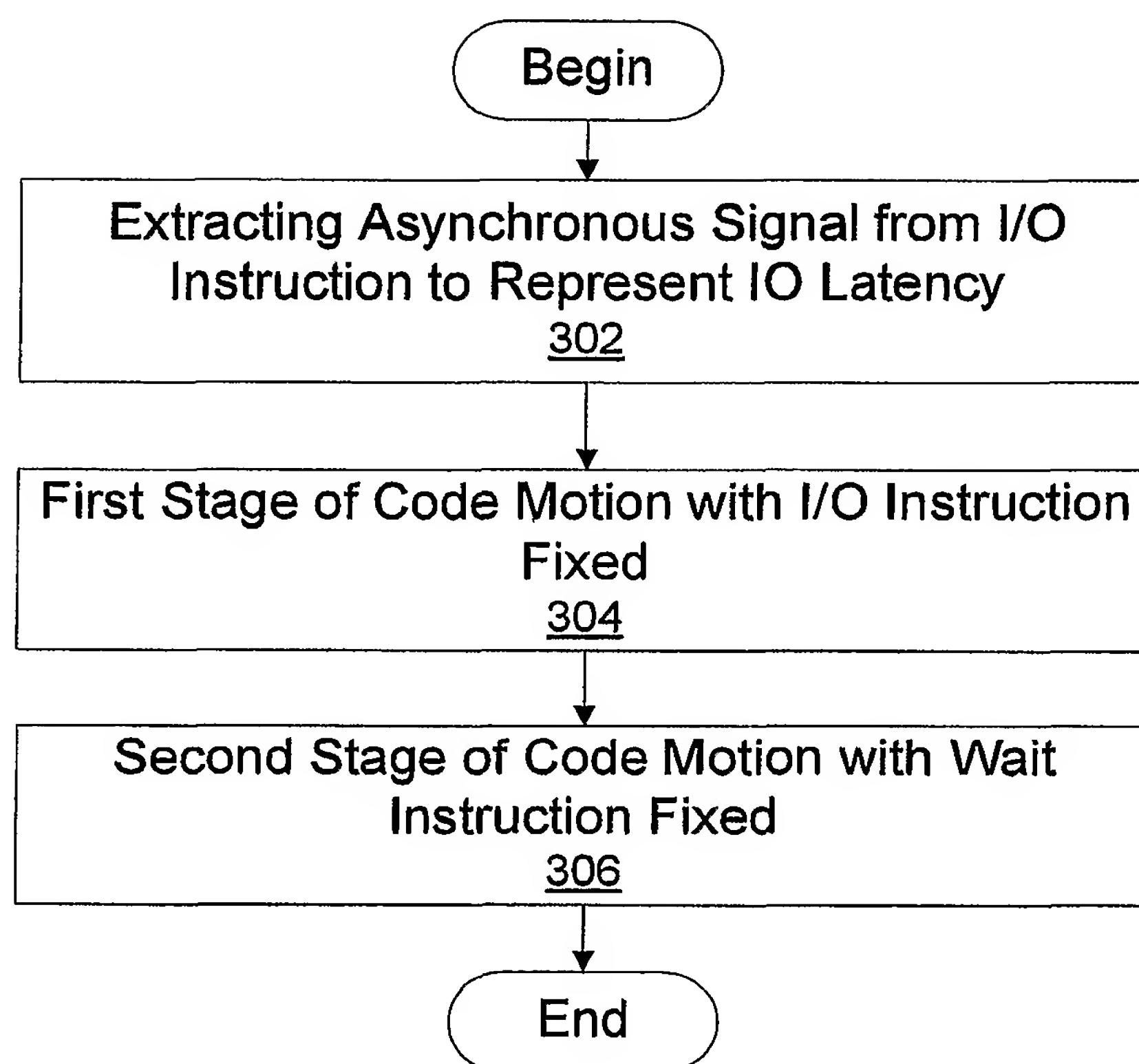


FIG. 2

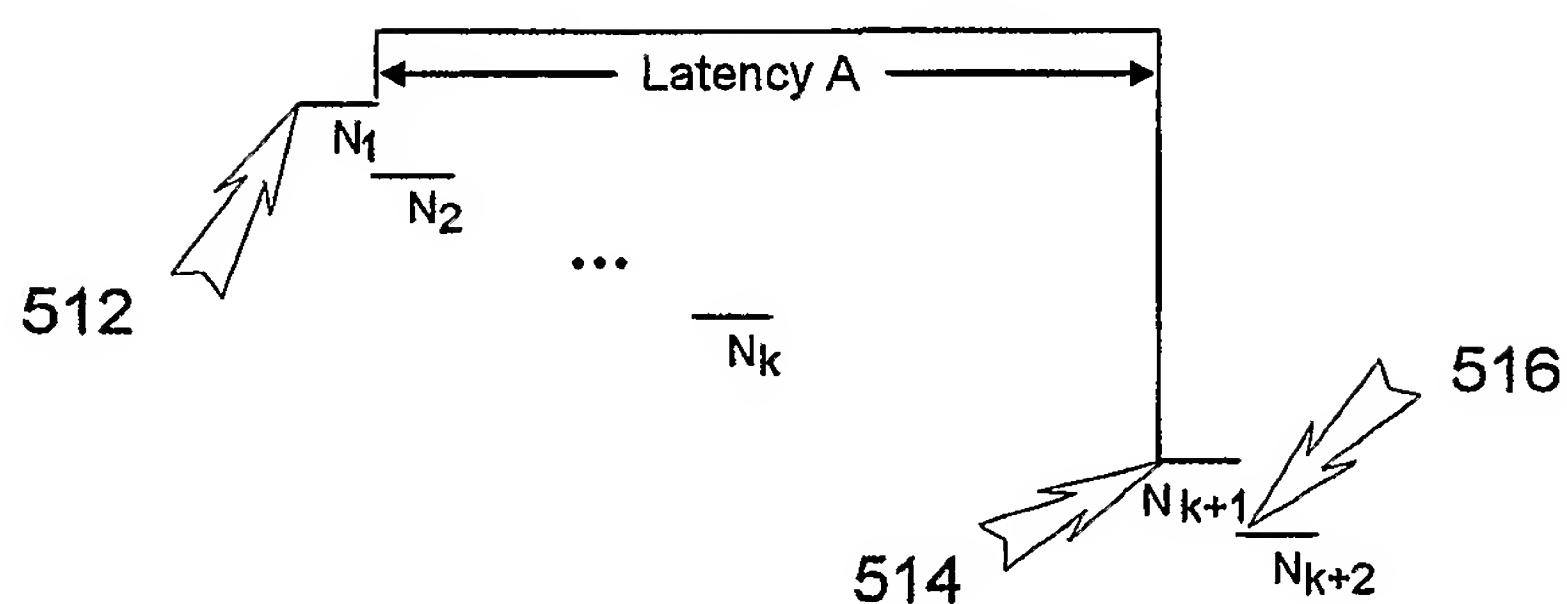
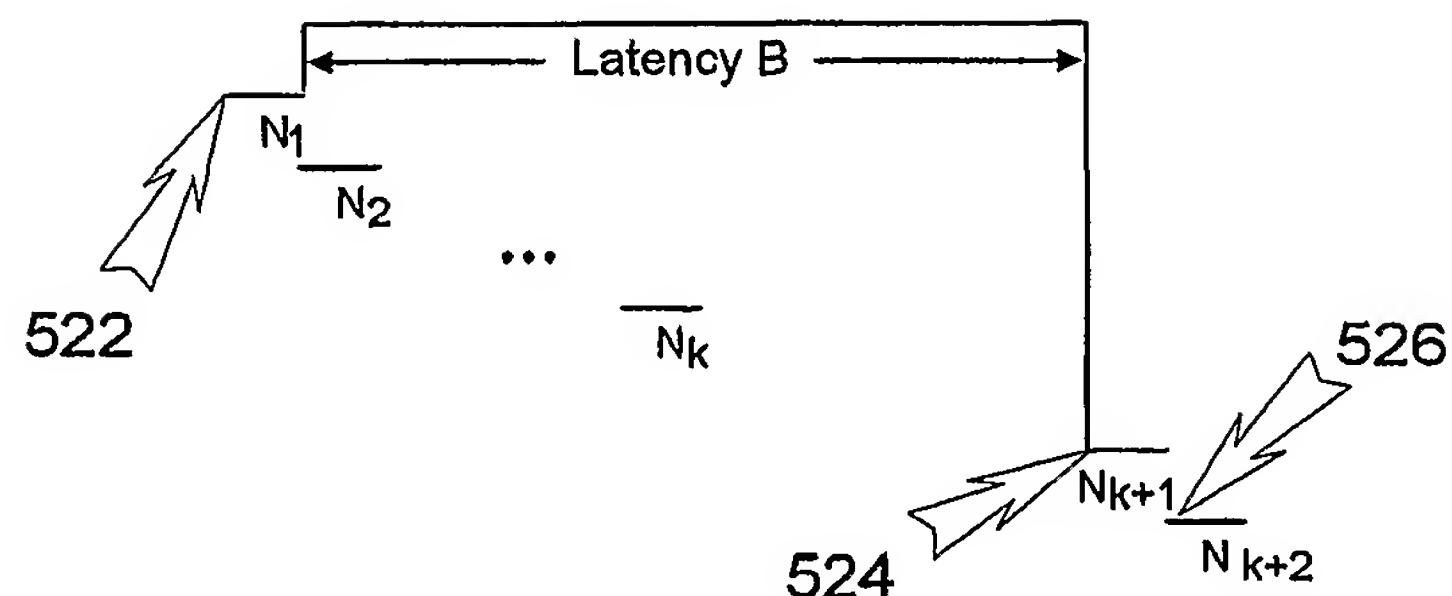
**FIG. 3**

$[R2]=\text{store } R1 \rightarrow 412$   
 $R3=R2+1$   
 $\dots \dots$   
 $R4=R3<<2$   
 $R1=R5-R4$

$[R2]=\text{store } R1, \text{ signal } s \rightarrow 422$   
 $\text{Wait } s$   
 $R3=R2+1 \rightarrow 424$   
 $\dots \dots$   
 $R4=R3<<2 \rightarrow 426$   
 $R1=R5-R4$

$[R2]=\text{store } R1, \text{ signal } s$   
 $\downarrow$   
 $\text{Wait } s$   
 $\downarrow$   
 $R1=R5-R4 \rightarrow 436$

400

**FIG. 4A****FIG. 4B****FIG. 4C****FIG. 5A****FIG. 5B**

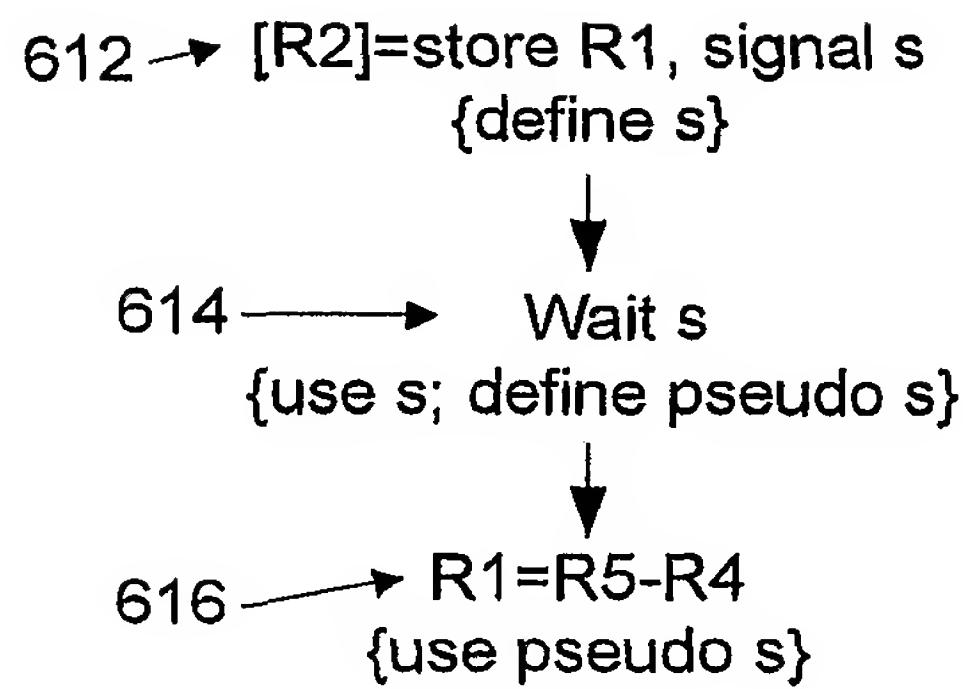


FIG. 6A

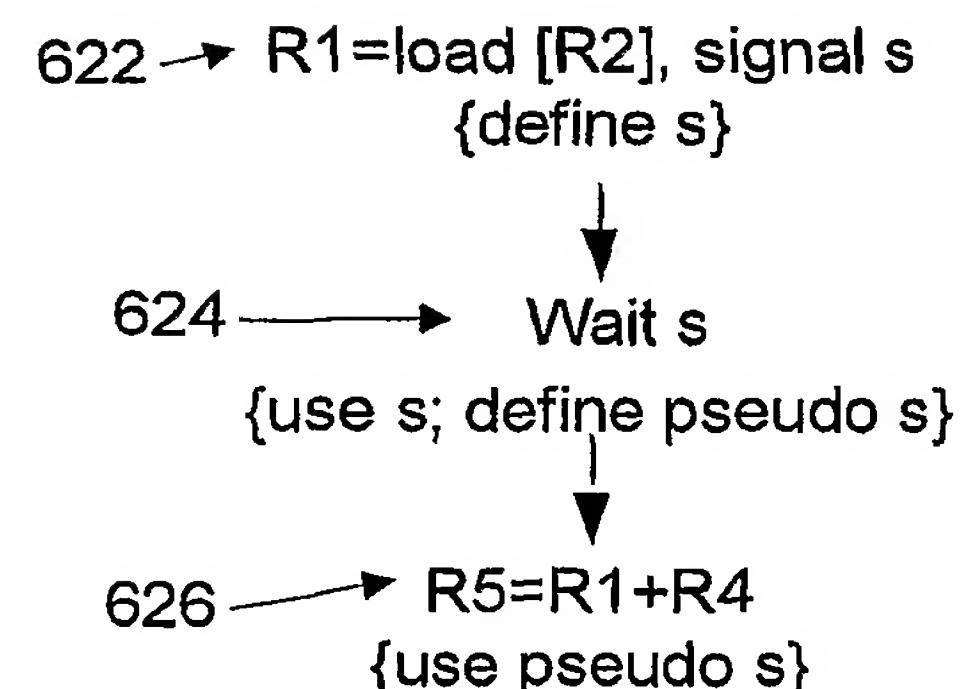


FIG. 6B

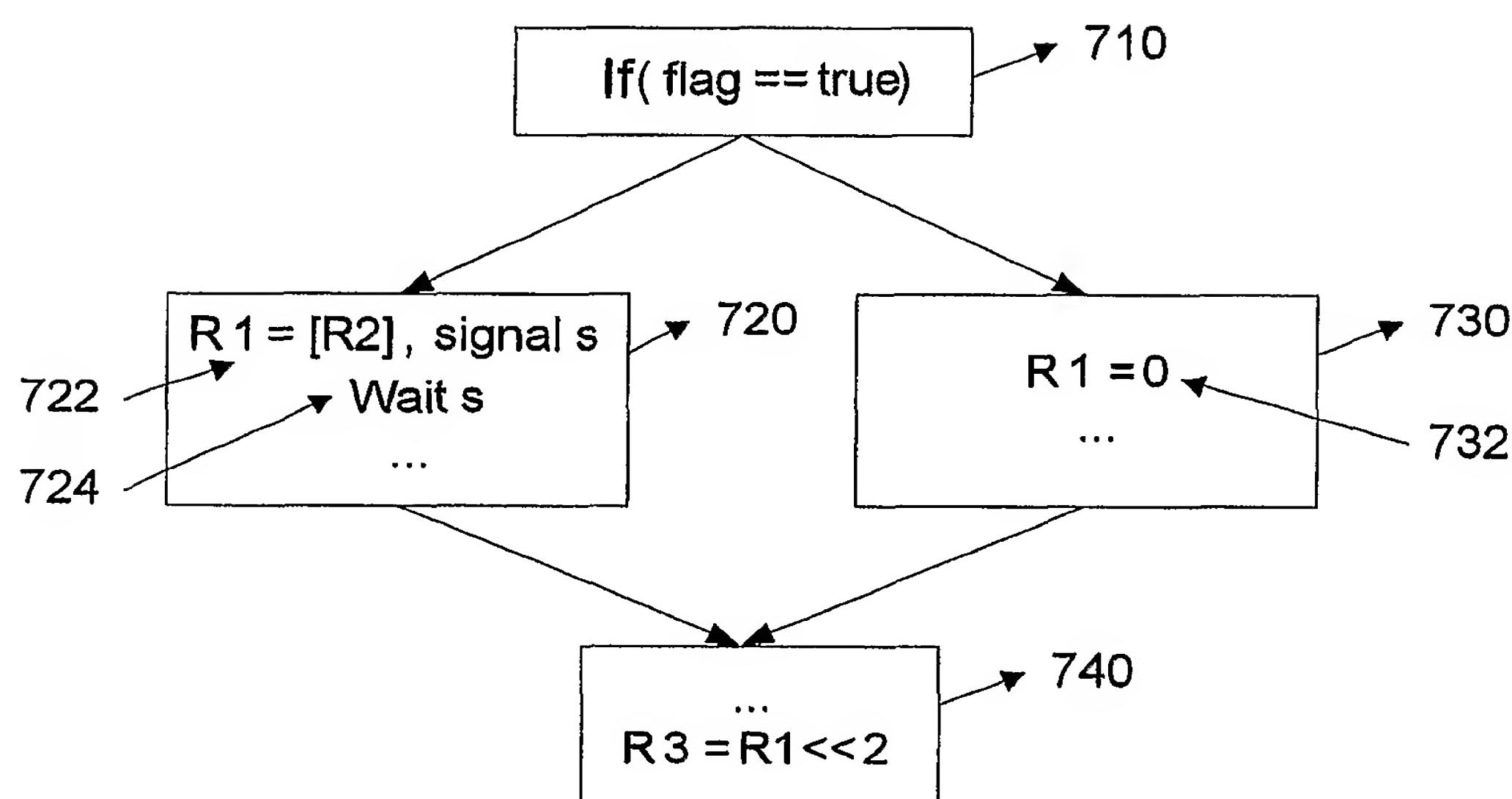


FIG. 7A

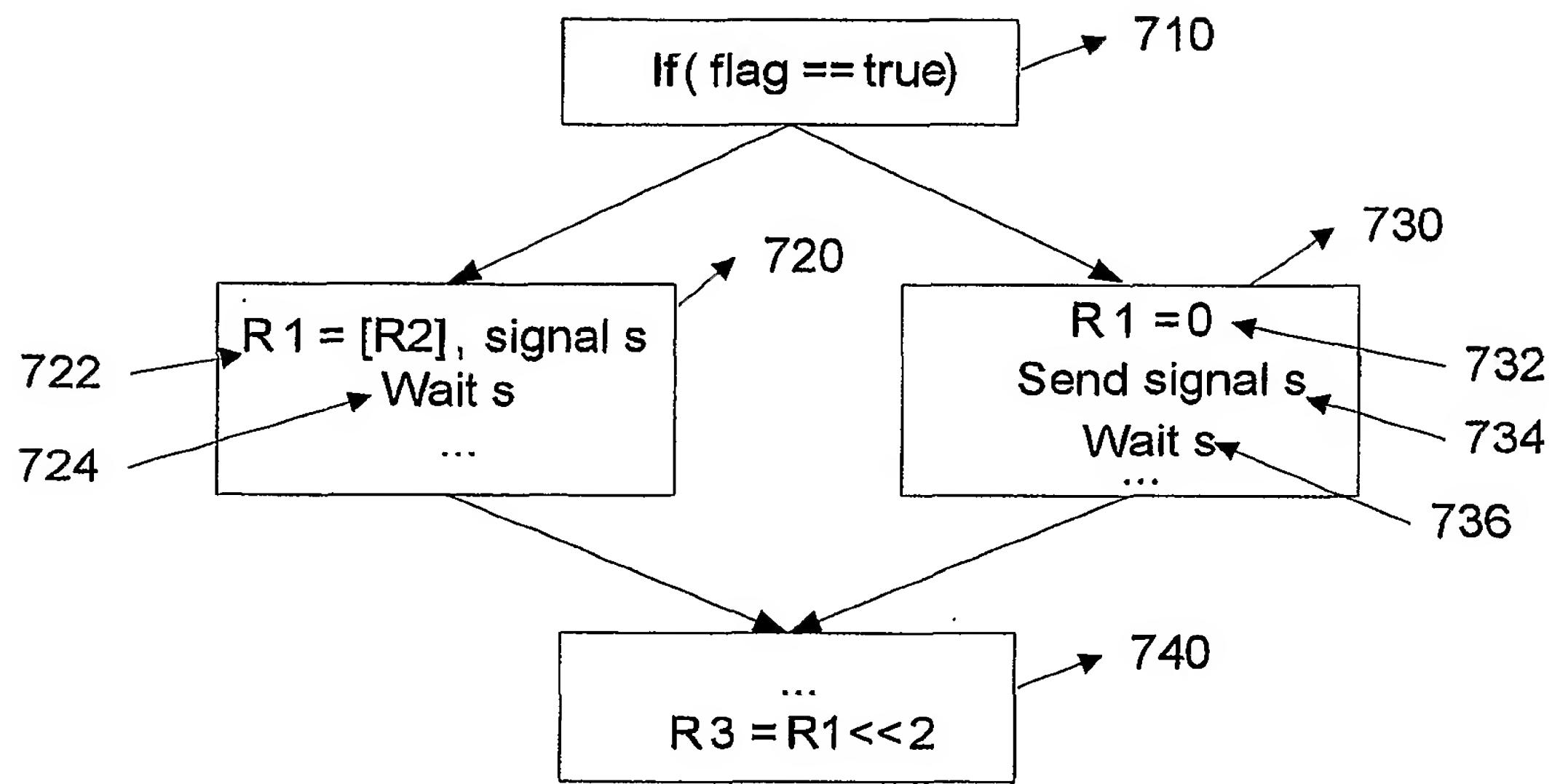


FIG. 7B

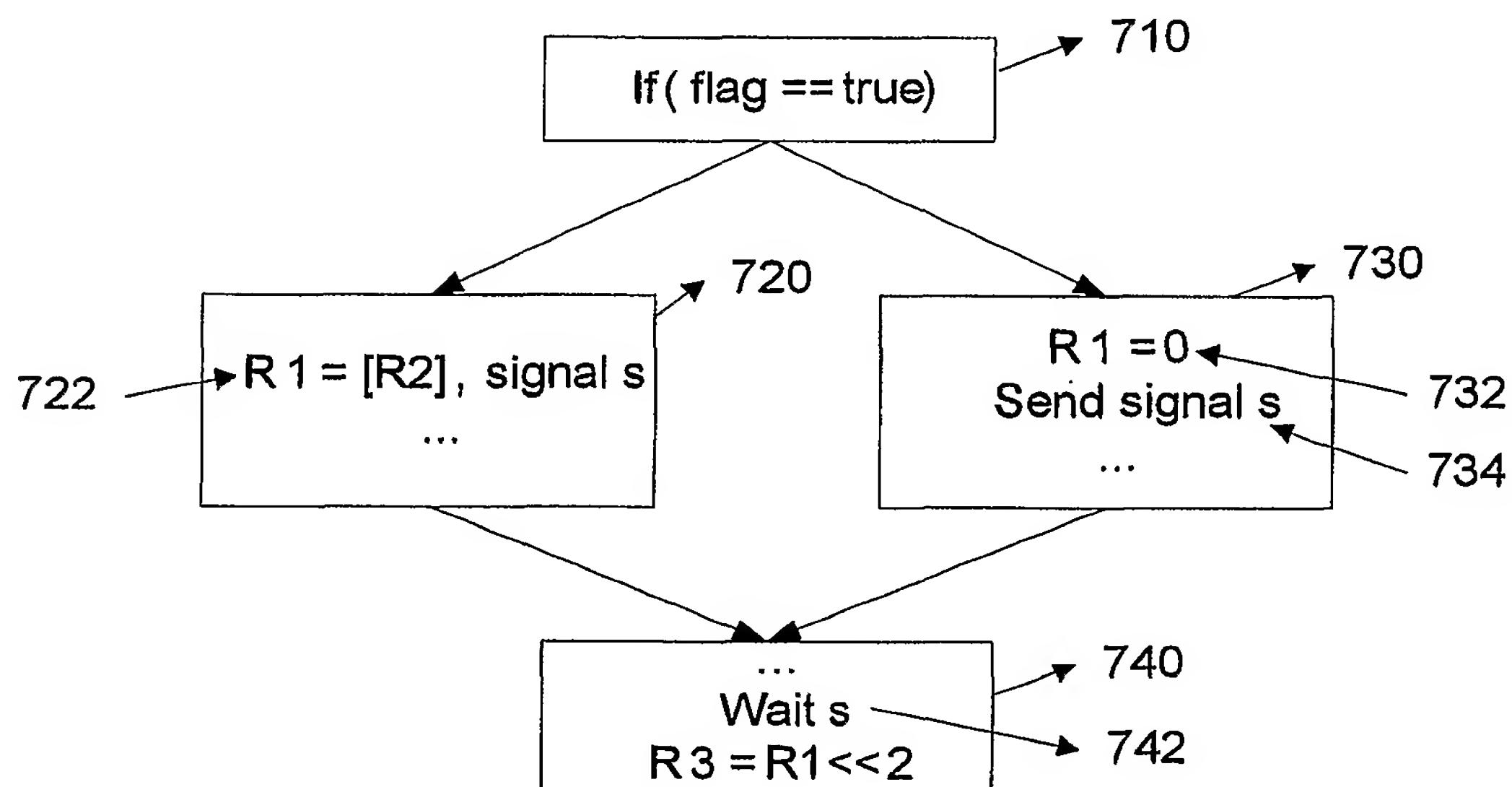
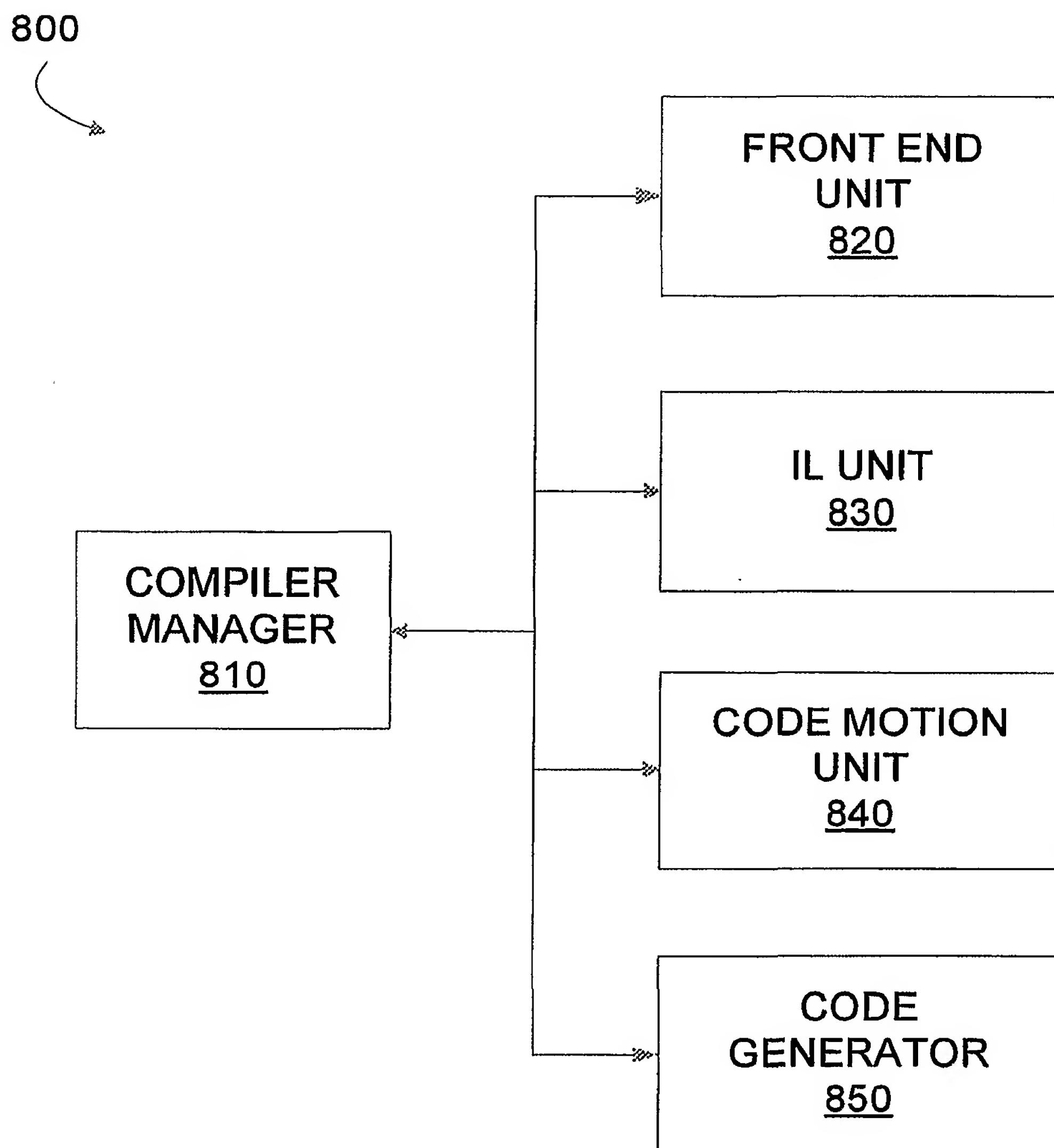


FIG. 7C

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**FIG. 8**